MIC Way Ahead

Capt Darren Knight
Col Doug Owens
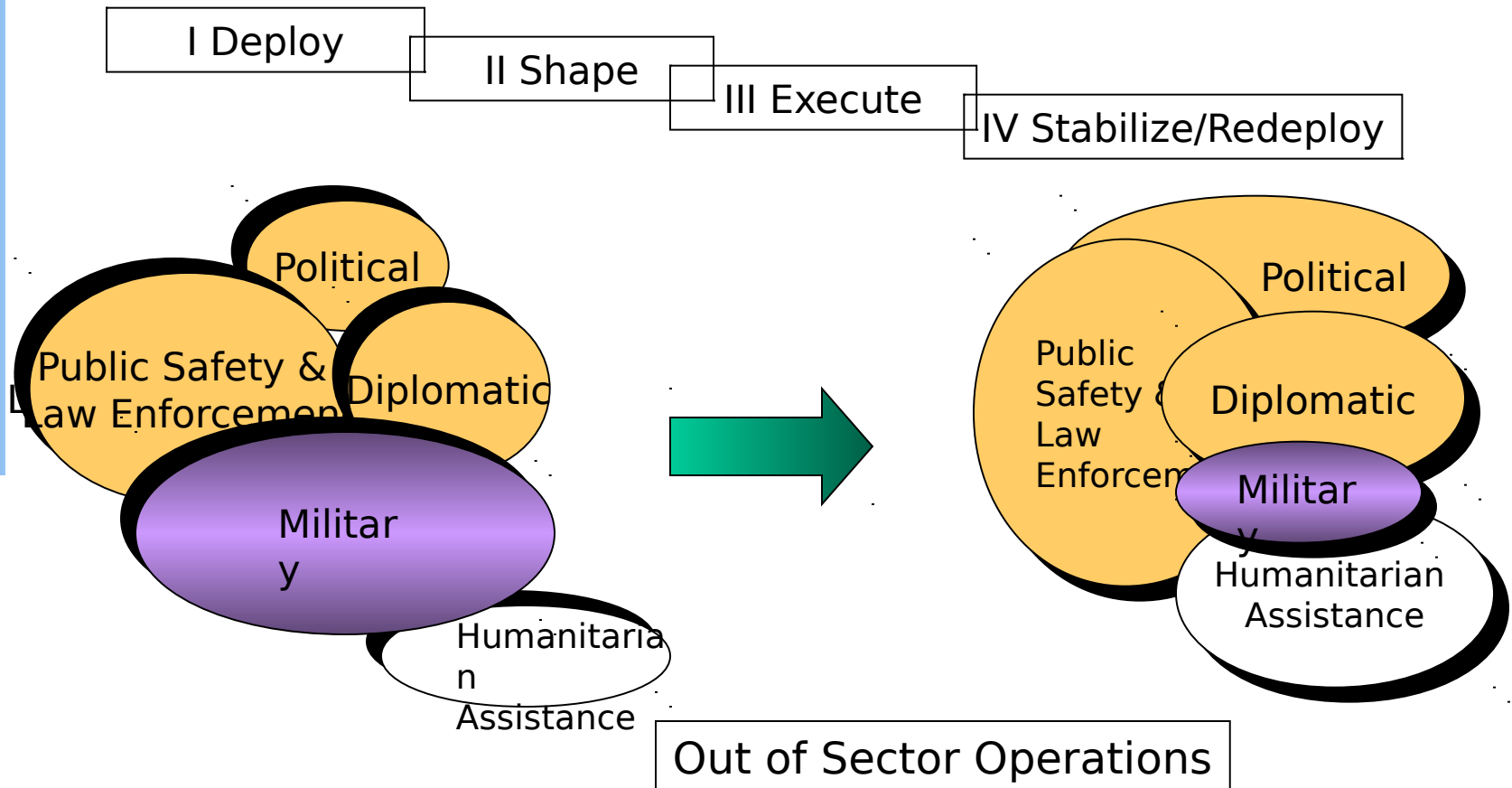### Capstone MIWG

Current MIC Situation

- Original mandate to improve information sharing in a coalition environment
- Successes/progress: Coalition Building Guide; Info Exchange MOU; GRIFFIN; CWAN Conops; secure VTC; adopt NATO doctrine; lessons learned
- Business practices maturing: Strategic Plan/ Roadmap, TORs, Work Plan, Requirements process
- Exploring new topic areas: logistics, CCID, JPR

Current MIC Situation

- Ad hoc engagement with other multi fora; SOC
  - Network MIWG-CCEB
  - CDE MIWG- JFCOM
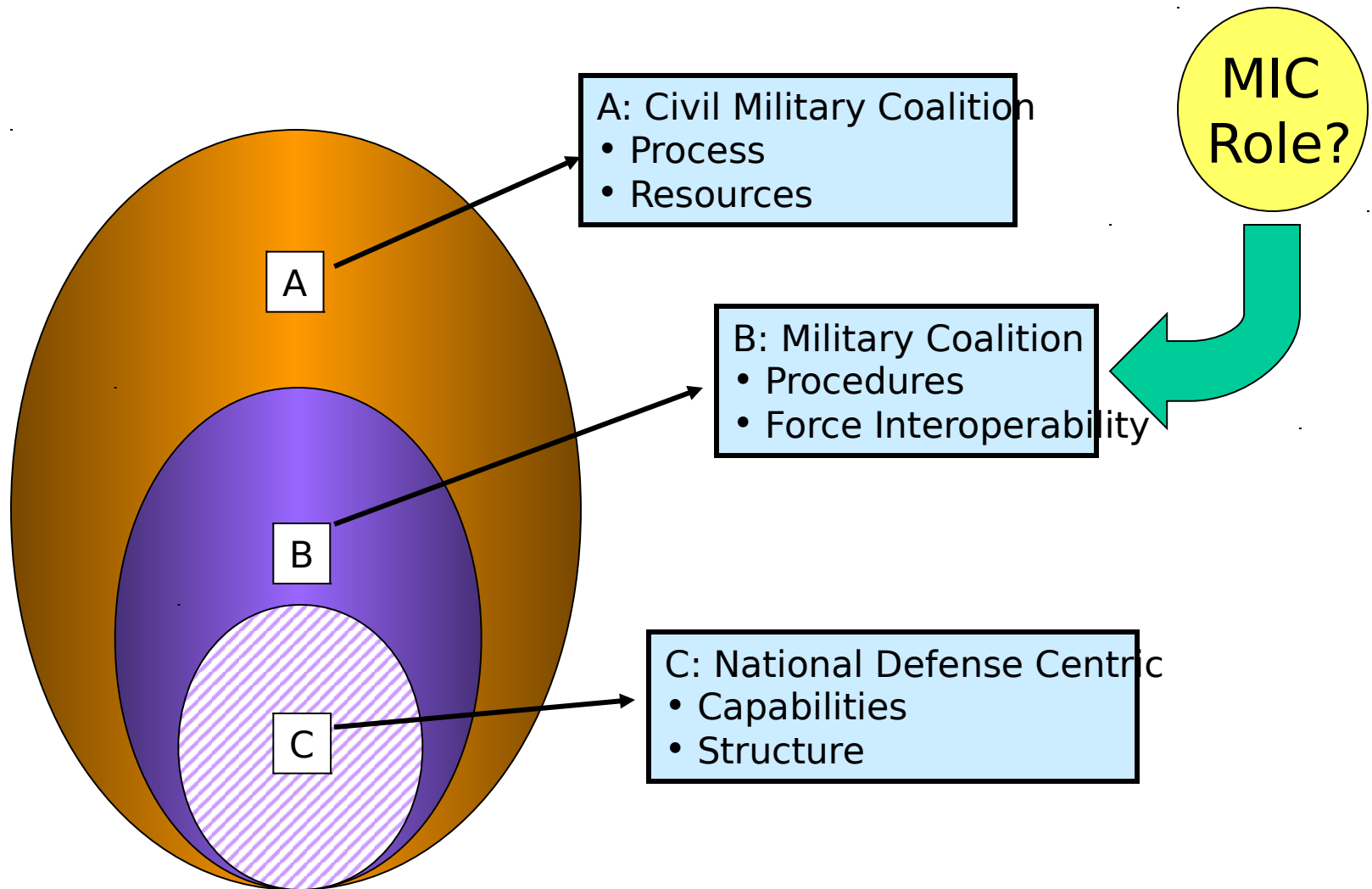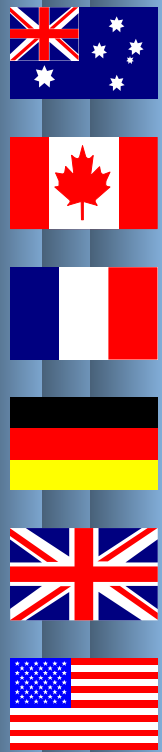- Long term plan (over 1 year) not well defined

BOTTOM LINE: Solid foundation; Performance to date is OK; Future role and relevance need review

Today's Coalition Warfare Paradigm

I Deploy

II Shape

III Execute

IV Stabilize/Redeploy

Political

Public Safety & Law Enforcement

Diplomatic

Military

Humanitarian Assistance

Political

Public Safety & Law Enforcement

Diplomatic

Military

Humanitarian Assistance

Out of Sector Operations

Who is coordinating the interoperability effort at the National

and MN level?

Three Levels of Challenges

A: Civil Military Coalition
- Process
- Resources

B: Military Coalition
- Procedures
- Force Interoperability

C: National Defense Centric
- Capabilities
- Structure

MIC Role?

Need and Opportunity
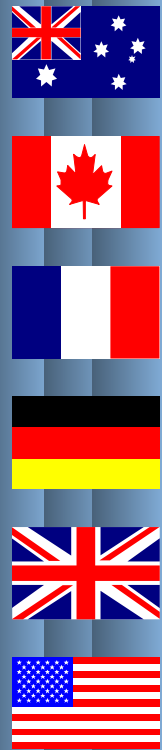
Need

- Senior/primary coordinating forum for MN interoperability issues
- Accessible primary MN forum to vet national issues relating to coalition interoperability
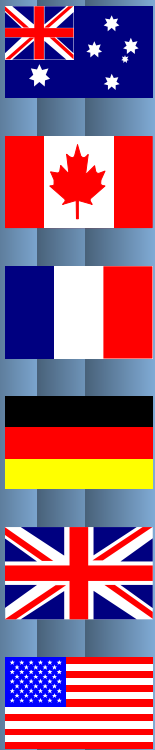
Opportunity

- Address MN transformation with coordinated effort
- Leverage national combatant command engagement
- Improve MIWG synergy and establish logical connection between CD&E effort, force development (eg JWID), and operational activity
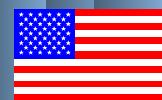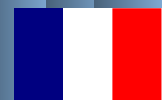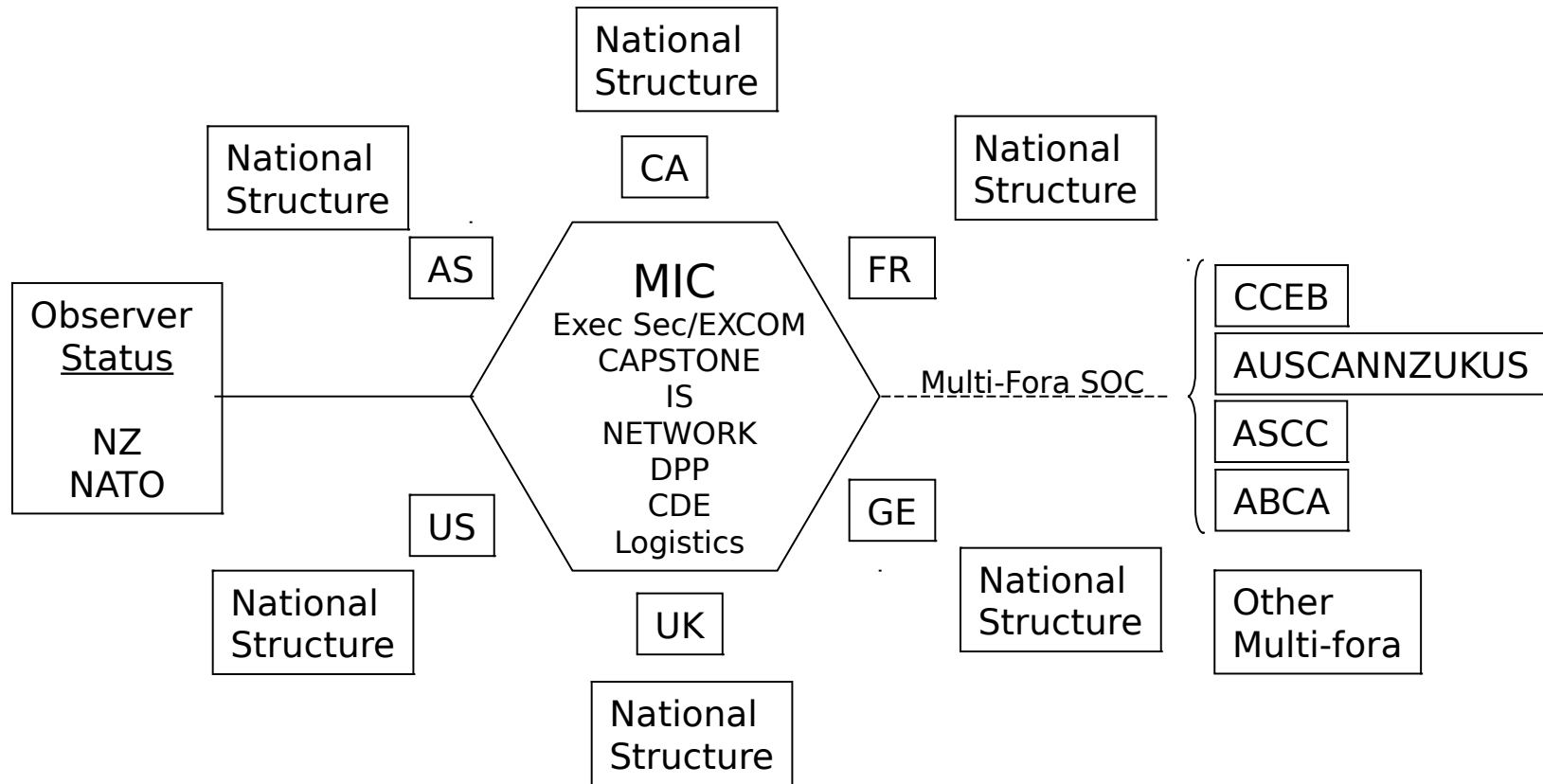
MIC Charter Review

- Provide a MN forum for identifying interoperability issues and articulating actions
  - ➢ Promote national actions to resolve impediments to interoperability
- Senior coordinating body for member nations to resolve "information interoperability" issues
  - ➢ Work to establish the MIC as a recognized coordinating organization for relevant coalition interoperability forums.
  - ➢ Actively engage with NATO, CCEB and other MN forums
- Overall goal…to provide for the exchange of relevant information across national boundaries

MIC Relationships

National
Structure

CA

National
Structure

National
Structure

AS

FR

Observer
Status

NZ
NATO

MIC
Exec Sec/EXCOM
CAPSTONE
IS
NETWORK
DPP
CDE
Logistics

Multi-Fora SOC

CCEB

AUSCANNZUKUS

ASCC

ABCA

US

GE

National
Structure

National
Structure

UK

Other
Multi-fora

National
Structure

Way Ahead Proposal

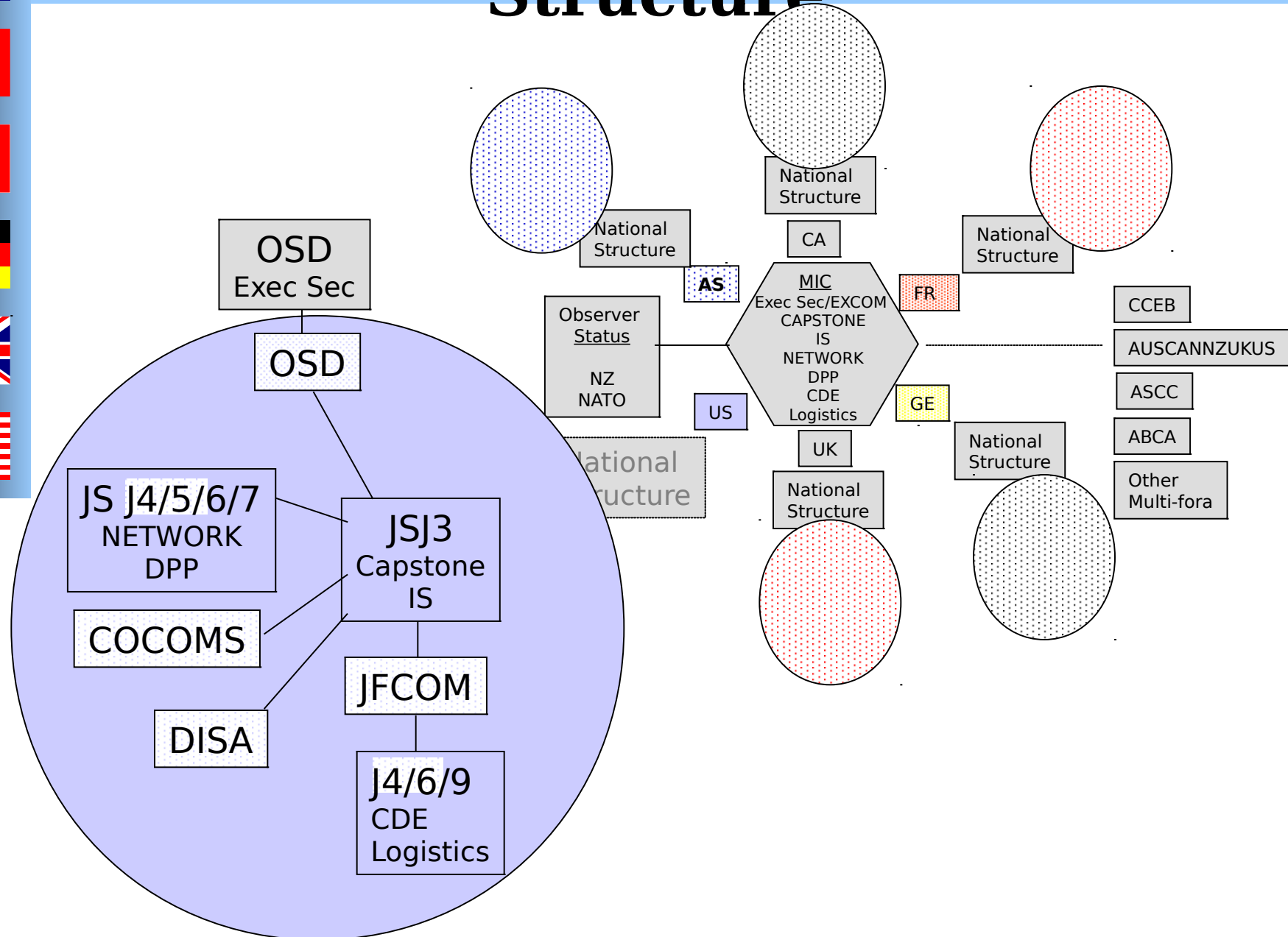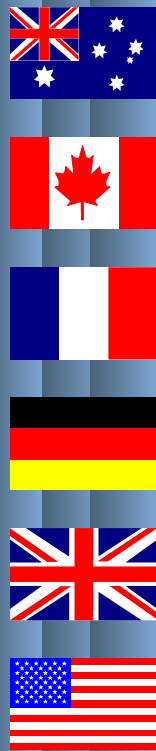**<u>Place MIC role and vision in larger context of future force development</u>**

- Establish MIC structure and process to evaluate national interoperability proposals/issues

- Focus: Info sharing in a coalition environment as the highest level of interoperability

- Establish a leadership role with respect to other interoperability fora

National Node for MN Issues
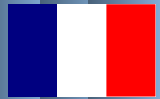
- Establish supporting national structure
  - Formal designation as primary MN interoperability forum
  - Possible standing national structure to support
- Standing MIC structure; Washington DC based
  - Energize and leverage existing EXCOM
- Establish routine business processes
  - Technical ability to support frequent information flow
  - Organizational structure and process to rapidly vet issues
- Potential cost savings
  - reduce or eliminate redundant activities
  - more efficient focus of effort

MIC Relationships--US National Structure

OSD
Exec Sec

OSD

National Structure

CA

MIC
Exec Sec/EXCOM
CAPSTONE
IS
NETWORK
DPP
CDE
Logistics

National Structure

AS

FR

National Structure

CCEB

AUSCANNZUKUS

Observer Status

NZ
NATO

US

GE

ASCC

ABCA

UK

National Structure

Other Multi-fora

National Structure

National Structure

JS J4/5/6/7
NETWORK
DPP

JSJ3
Capstone
IS

COCOMS
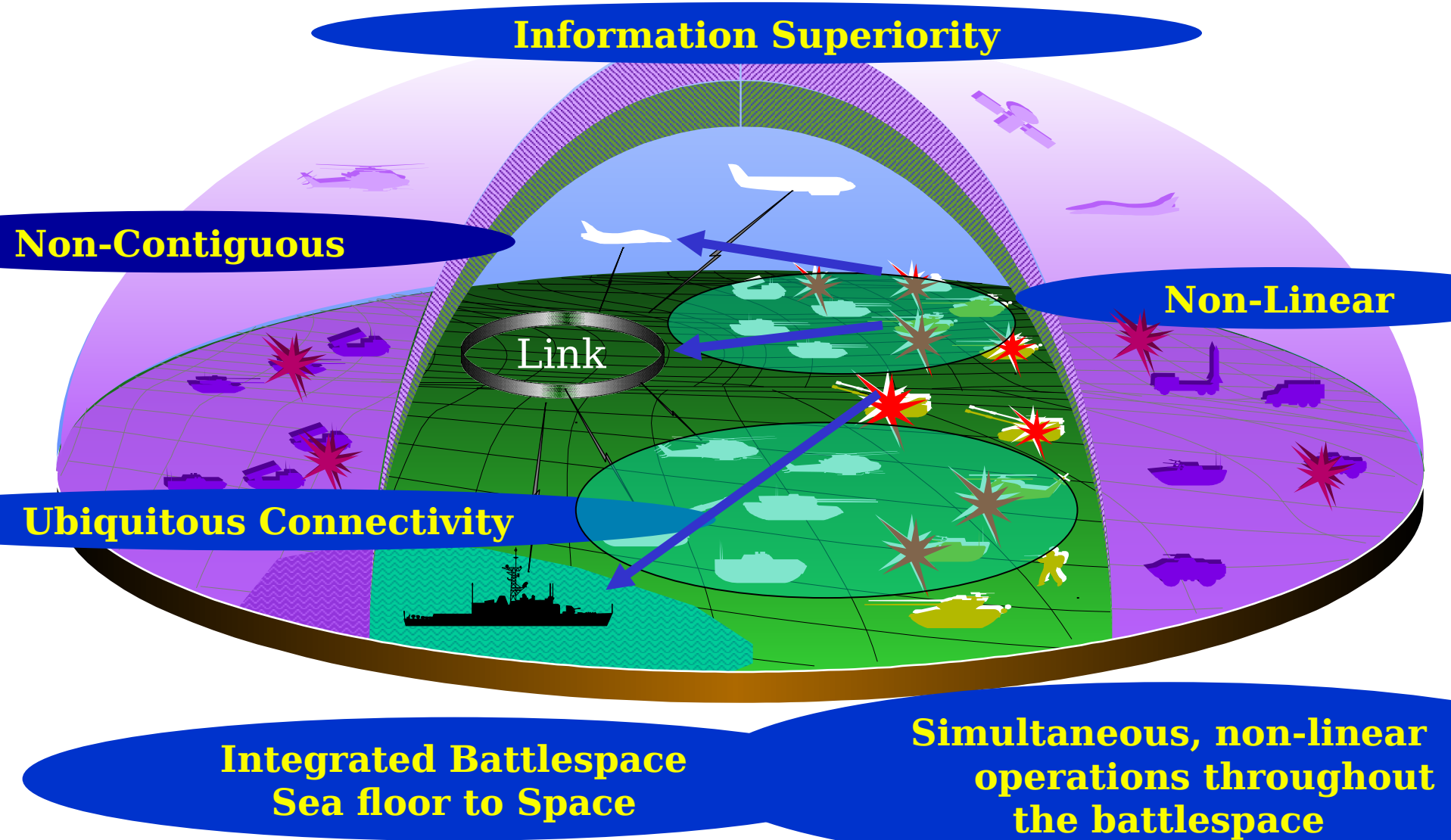
DISA

JFCOM

J4/6/9
CDE
Logistics

Information Sharing Focus

- Develop a long-term view (approx 5 years) of a future coalition info exchange environment

- Extract key interoperability requirements for developmental effort by member nations

- Prioritize and systematically meet the key requirements in the short-term (two years or less)

- Regular interaction with "real world" (exercises, trials, lessons learned, etc)

If we can agree on some common future goals...

Information Superiority

Non-Contiguous

Non-Linear

Link

Ubiquitous Connectivity

Integrated Battlespace
Sea floor to Space

Simultaneous, non-linear operations throughout the battlespace

...then we can work towards clear interoperability "targets"

Experimentation (eg: JWID, MNE)

Real World Ops/Exercises (lessons learned, trials)

Ongoing validation

Policy, Procedures, Doctrine

	2003	2004	2005	2006	2007	2008	2009	20..

Linked to future "Transformation"

Coordinated Effort

DPP MIWG

Emerging Network Centric Warfare Paradigm

Convergence Point

NETWORK MIWG

Common Goal "Shared situational awareness in a Coalition Information Exchange Environment"

Deliverables

Coalition CIE '08

IS MIWG

CD&E MIWG

Guidance

Requirements

CAPSTONE

Objectives
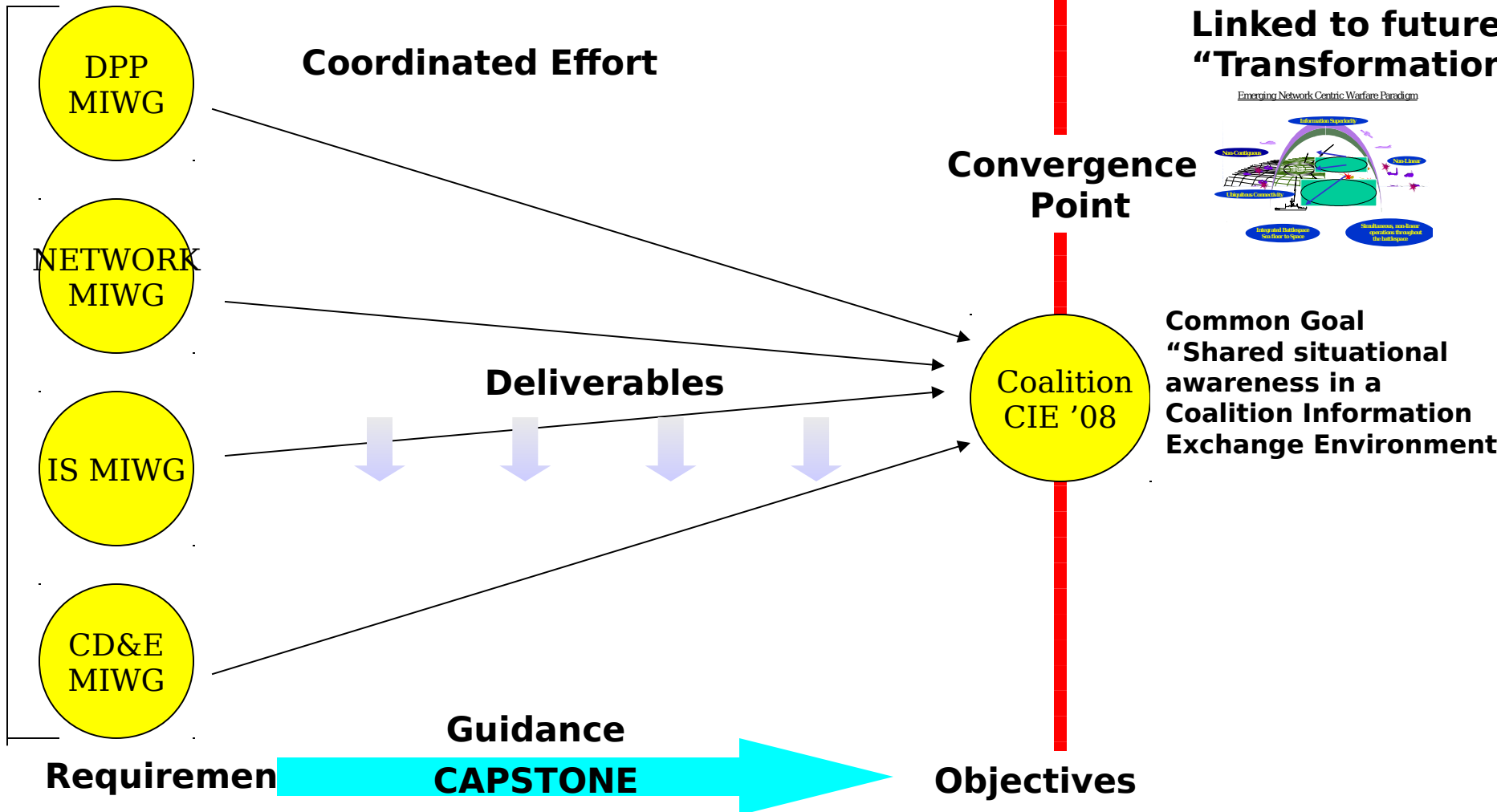
Key Discussion Issues

- Relevance of MIC without change
- Role of MIC relative to other MN fora
- Role of MIC within national structures
- Potential for a primary MN forum
- Potential national resources required
- Potential for leadership role in info sharing
- Implications to expand membership
- Other areas of interoperability

Questions?